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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Lab ID	:	**CP-2021-12-24-23**
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Maintenance and Repair Works at Primary Health Center at Jakkur in Ward No.05
Agency	:	Sri. Gnanendra Murthy M D, #410, Balaji Nilaya, 5th Main Road, 4th Cross, Near Priya Darshini School, Kengeri Satellite Town, Bangalore-60
Customer's Reference	:	EE(Project)/Ynk Zone/WO/06/2021-22
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	07-08-21
Customer ID	:	Plinth Beam Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date: 02/09/2021

Date of test : 02/09/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Plinth Beam Concrete	M25	05/08/2021	02/09/2021	150.94 X 151.02 X 150.50	22794	**9.009**	618.0	27.1	27.5
2	Plinth Beam Concrete	M25	05/08/2021	02/09/2021	149.09 X 149.09 X 149.49	22228	**8.205**	590.2	26.6	
3	Plinth Beam Concrete	M25	05/08/2021	02/09/2021	151.44 X 151.18 X 150.18	22896	**8.876**	663.1	29.0	

* The results obtained are satisfactory as per standard requirements.

Note:

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R RUDRAPRASAD
Authorized Signatory
Technical Manager

****End of Report****

2025
Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 28/08/2021

Lab ID	:	CP-2021-12-24-23
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Maintenance and Repair Works at Primary Health Center at Jakkur in Ward No.05
Agency	:	Sri. Gnanendra Murthy M D, #410, Balaji Nilaya, 5th Main Road, 4th Cross, Near Priya Darshini School, Kengeri Satellite Town, Bangalore-60
Customer's Reference	:	EE(Project)/Ynk Zone/WO/06/2021-22
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	23-08-21
Customer ID	:	GF Column Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	28/08/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	GF Column Concrete	M25	21/08/2021	28/08/2021	150.98 X 151.97 X 151.86	22943	8.982	537.1	23.4	23.1
2	GF Column Concrete	M25	21/08/2021	28/08/2021	150.37 X 149.31 X 150.79	22453	8.938	516.1	23.0	
3	GF Column Concrete	M25	21/08/2021	28/08/2021	151.81 X 150.67 X 150.96	22873	8.397	524.6	22.9	

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Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 18/09/2021

Lab ID	:	**CP-2021-12-24-23**
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Maintenance and Repair Works at Primary Health Center at Jakkur in Ward No.05
Agency	:	Sri. Gnanendra Murthy M D, #410, Balaji Nilaya, 5th Main Road, 4th Cross, Near Priya Darshini School, Kengeri Satellite Town, Bangalore-60
Customer's Reference	:	EE(Project)/Ynk Zone/WO/06/2021-22
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	23-08-21
Customer ID	:	GF Column Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	18/09/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	GF Column Concrete	M25	21/08/2021	18/09/2021	150.79 X 149.46 X 149.63	22537	8.363	623.4	27.7	27.5
2	GF Column Concrete	M25	21/08/2021	18/09/2021	151.90 X 151.83 X 149.31	23062	8.942	602.3	26.1	
3	GF Column Concrete	M25	21/08/2021	18/09/2021	151.45 X 150.94 X 151.42	22860	8.226	659.0	28.8	

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Technical Manager

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Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

: 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2021-12-24-23** **Date: 18/09/2021**
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Maintenance and Repair Works at Primary Health Center at Jakkur in Ward No.05
Agency	:	Sri. Gnanendra Murthy M D, #410, Balaji Nilaya, 5th Main Road, 4th Cross, Near Priya Darshini School, Kengeri Satellite Town, Bangalore-60
Customer's Reference	:	EE(Project)/Ynk Zone/WO/06/2021-22
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	13-09-21
Customer ID	:	GF Staircase Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	18/09/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	GF Staircase Concrete	M25	11/09/2021	18/09/2021	150.10 X 150.44 X 150.80	22581	**8.984**	540.6	23.9	23.2
2	GF Staircase Concrete	M25	11/09/2021	18/09/2021	151.34 X 149.68 X 150.03	22651	**8.211**	518.6	22.9	
3	GF Staircase Concrete	M25	11/09/2021	18/09/2021	149.90 X 151.62 X 150.32	22729	**8.205**	516.3	22.7	

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Authorized Signatory
Technical Manager

****End of Report****

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

: 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 09/10/2021

Lab ID	:	CP-2021-12-24-23
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Maintenance and Repair Works at Primary Health Center at Jakkur in Ward No.05
Agency	:	Sri. Gnanendra Murthy M D, #410, Balaji Nilaya, 5th Main Road, 4th Cross, Near Priya Darshini School, Kengeri Satellite Town, Bangalore-60
Customer's Reference	:	EE(Project)/Ynk Zone/WO/06/2021-22
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	13-09-21
Customer ID	:	GF Staircase Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	09/10/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	GF Staircase Concrete	M25	11/09/2021	09/10/2021	150.43 X 149.38 X 151.13	22471	8.252	624.1	27.8	27.6
2	GF Staircase Concrete	M25	11/09/2021	09/10/2021	150.70 X 149.90 X 149.78	22590	8.106	603.5	26.7	
3	GF Staircase Concrete	M25	11/09/2021	09/10/2021	149.60 X 150.62 X 149.97	22533	8.195	635.9	28.2	

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Authorized Signatory
Technical Manager

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****End of Report****

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

: 9972924526 | Tel : +91 80 23444801 | e: techmano600@yahoo.co.in, civilproexperts@gmail.com

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 06/10/2021

Lab ID	:	CP-2021-12-24-23
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Maintenance and Repair Works at Primary Health Center at Jakkur in Ward No.05
Agency	:	Sri. Gnanendra Murthy M D, #410, Balaji Nilaya, 5th Main Road, 4th Cross, Near Priya Darshini School, Kengeri Satellite Town, Bangalore-60
Customer's Reference	:	EE(Project)/Ynk Zone/WO/06/2021-22
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	01-10-21
Customer ID	:	FF Column Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	06/10/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Column Concrete	M25	29/09/2021	06/10/2021	151.51 X 149.90 X 150.59	22712	8.327	526.4	23.2	22.7
2	FF Column Concrete	M25	29/09/2021	06/10/2021	149.11 X 151.09 X 149.16	22529	8.776	503.0	22.3	
3	FF Column Concrete	M25	29/09/2021	06/10/2021	151.81 X 152.00 X 151.52	23075	8.367	523.2	22.7	

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Authorized Signatory
Technical Manager

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 27/10/2021

Lab ID	:	CP-2021-12-24-23
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Maintenance and Repair Works at Primary Health Center at Jakkur in Ward No.05
Agency	:	Sri. Gnanendra Murthy M D, #410, Balaji Nilaya, 5th Main Road, 4th Cross, Near Priya Darshini School, Kengeri Satellite Town, Bangalore-60
Customer's Reference	:	EE(Project)/Ynk Zone/WO/06/2021-22
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	01-10-21
Customer ID	:	FF Column Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	27/10/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Column Concrete	M25	29/09/2021	27/10/2021	151.58 X 149.36 X 149.72	22640	**8.103**	621.8	27.5	27.6
2	FF Column Concrete	M25	29/09/2021	27/10/2021	150.53 X 149.96 X 149.79	22574	**8.725**	606.4	26.9	
3	FF Column Concrete	M25	29/09/2021	27/10/2021	151.89 X 150.79 X 151.13	22903	**8.982**	649.9	28.4	

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Technical Manager

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29/10/21
Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Sl. No.	Identification Mark	Grade of Concrete	Date of Casting	Date of Testing	Maximum Load at Failure (kN)	Crush Strength (N/mm²)	Weight of Cube (kg)	Density (kg/m³)	Compressive Strength (N/mm²)	Average Compressive Strength (N/mm²)
1	CC Mixed Concrete	M25	14.09.2021	28.09.2021	1125.00 1140.00 1132.50	50.00	8.438	2500	50.33	50.11
2	CC Mixed Concrete	M25	14.09.2021	28.09.2021	1102.50 1125.00 1110.00	49.00	8.406	2500	49.11	
3	CC Mixed Concrete	M25	14.09.2021	28.09.2021	1102.50 1080.00 1095.00	48.67	8.438	2500	48.67	

1. The results obtained are satisfactory as per standard requirements.

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Quality Control Division
Vellanikkara

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Certificate No: 19-5908

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/F/01

Lab ID	:	CP-2021-12-26-23
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Maintenance and Repair Works at Primary Health Center in Ward No:05
Agency	:	M/s. Gnanendra Murthy M.D, #450, Balaji Nilaya, 9th Main Road, 6th Cross, Near Priya Darshini School, Kempapura Satellite Town, Bangalore-60.
Customer's Reference	:	EE(Project) Vrk /Estm/WO/05/2021-22
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	13-10-21
Customer ID	:	FF Insitu Concrete
Sample Dept. Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete,CI.5
Date of test	:	08.11.2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (Kg)	Failure Load (KN)	Compressive Strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Insitu Concrete	M25	13/10/2021	08/11/2021	150.5 X 151.08 X 150.00	22550	8.306	613.0	27.1	27.5
2	FF Insitu Concrete	M25	13/10/2021	08/11/2021	150.25 X 150.92 X 150.00	22663	8.334	618.5	26.9	
3	FF Insitu Concrete	M25	13/10/2021	08/11/2021	149.67 X 150.42 X 149.33	22325	8.363	642.0	28.5	

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SSR CIVIL Pvt. Ltd.
S RAVISHANKAR
Authorised Signatory
Technical Manager

CIVIL PRO
Sign
Date
BANGALORE

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Asst. Executive Engineer
Project Division
Vrishabhanka Zone

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Certificate No.: TC-5548

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Date: 04/11/2021

Lab ID	:	**CP-2021-12-24-23**
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Maintenance and Repair Works at Primary Health Center at Jakkur in Ward No.05
Agency	:	Sri. Gnanendra Murthy M D, #410, Balaji Nilaya, 5th Main Road, 4th Cross, Near Priya Darshini School, Kengeri Satellite Town, Bangalore-60
Customer's Reference	:	EE(Project)/Ynk Zone/WO/06/2021-22
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	30-10-21
Customer ID	:	FF Staircase Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	04/11/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Staircase Concrete	M25	28/10/2021	04/11/2021	151.57 X 150.01 X 149.93	22737	**8.212**	537.8	23.7	22.9
2	FF Staircase Concrete	M25	28/10/2021	04/11/2021	150.73 X 150.04 X 150.85	22616	**8.119**	518.6	22.9	
3	FF Staircase Concrete	M25	28/10/2021	04/11/2021	149.93 X 151.11 X 149.42	22657	**8.607**	502.9	22.2	

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Authorized Signatory
Technical Manager

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Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 25/11/2021

Lab ID	:	CP-2021-12-24-23
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Maintenance and Repair Works at Primary Health Center at Jakkur in Ward No.05
Agency	:	Sri. Gnanendra Murthy M D, #410, Balaji Nilaya, 5th Main Road, 4th Cross, Near Priya Darshini School, Kengeri Satellite Town, Bangalore-60
Customer's Reference	:	EE(Project)/Ynk Zone/WO/06/2021-22
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	30-10-21
Customer ID	:	FF Staircase Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete CL5
Date of test	:	25/11/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Staircase Concrete	M25	28/10/2021	25/11/2021	151.61 X 149.07 X 150.58	22600	8.767	630.1	27.9	27.6
2	FF Staircase Concrete	M25	28/10/2021	25/11/2021	151.85 X 150.80 X 149.11	22899	8.849	602.8	26.3	
3	FF Staircase Concrete	M25	28/10/2021	25/11/2021	151.94 X 151.75 X 151.24	23056	8.798	661.5	28.7	

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R RUDRAPRASAD
Authorized Signatory
Technical Manager

****End of Report****

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP Bangalore - 92

M : 9972924526 | Tel : +91 80 2344 [illegible] | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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Certificate No.: TC-5548

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Date: 18/09/2021

Lab ID	:	CP-2021-12-24-23
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Maintenance and Repair Works at Primary Health Center at Jakkur in Ward No.05
Agency	:	Sri. Gnanendra Murthy M.D, #410, Balaji Nilaya, 5th Main Road, 4th Cross, Near Priya Darshini School, Kengeri Satellite Town, Bangalore-60
Customer's Reference	:	EE(Project)/Ynk Zone/WO/06/2021-22
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	13-09-21
Customer ID	:	GF Roof Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	18/09/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	GF Roof Concrete	M25	11/09/2021	18/09/2021	149.29 X 149.24 X 150.25	22279	8.685	515.3	23.1	22.8
2	GF Roof Concrete	M25	11/09/2021	18/09/2021	151.76 X 151.39 X 151.92	22975	8.570	527.5	23.0	
3	GF Roof Concrete	M25	11/09/2021	18/09/2021	149.41 X 149.52 X 150.19	22339	8.231	499.4	22.4	

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Project Division
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TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Date: 09/10/2021

Lab ID	:	CP-2021-12-24-23
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Maintenance and Repair Works at Primary Health Center at Jakkur in Ward No.05
Agency	:	Sri. Gnaneindra Murthy M D, #410, Balaji Nilaya, 5th Main Road, 4th Cross, Near Priya Darshini School, Kengeri Satellite Town, Bangalore-60
Customer's Reference	:	EE(Project)/Ynk Zone/WO/06/2021-22
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	13-09-21
Customer ID	:	GF Roof Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete CL5
Date of test	:	09/10/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	GF Roof Concrete	M25	11/09/2021	09/10/2021	151.65 X 149.22 X 149.17	22629	8.499	615.5	27.2	27.5
2	GF Roof Concrete	M25	11/09/2021	09/10/2021	151.06 X 150.90 X 149.45	22795	9.099	603.7	26.5	
3	GF Roof Concrete	M25	11/09/2021	09/10/2021	150.76 X 150.06 X 150.01	22624	8.593	652.7	28.9	

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Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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Certificate No : TC-5648

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Lab ID : CP-2021-12-24-23
Customer : Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore
Date: 04/11/2021
Address : Project Sub Division, BBMP, Bangalore.
Project Name : Maintenance and Repair Works at Primary Health Center at Jakkur in Ward No.05
Agency : Sri. Gnanendra Murthy M D, #410, Balaji Nilaya, 5th Main Road, 4th Cross, Near Priya Darshini School, Kengeri Satellite Town, Bangalore-60
Customer's Reference : EE(Project)/Ynk Zone/WO/06/2021-22
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 30-10-21
Customer ID : FF Roof Concrete
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M25 / 7 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 04/11/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Roof Concrete	M25	28/10/2021	04/11/2021	150.57 X 151.37 X 151.64	22792	8.875	533.0	23.4	22.7
2	FF Roof Concrete	M25	28/10/2021	04/11/2021	151.89 X 149.01 X 149.06	22633	8.465	512.3	22.6	
3	FF Roof Concrete	M25	28/10/2021	04/11/2021	151.13 X 151.63 X 151.39	22916	8.467	508.1	22.2	

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Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

M : 9972924526 | Tel : +91 80 2[illegible]4801 | e : Techan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Date: 25/11/2021

Lab ID	:	CP-2021-12-24-23
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Maintenance and Repair Works at Primary Health Center at Jakkur in Ward No.05
Agency	:	Sri. Gnanendra Murthy M D, #410, Balaji Nilaya, 5th Main Road, 4th Cross, Near Priya Darshini School, Kengeri Satellite Town, Bangalore-60
Customer's Reference	:	EE(Project)/Ynk Zone/WO/06/2021-22
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	30-10-21
Customer ID	:	FF Roof Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	25/11/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Roof Concrete	M25	28/10/2021	25/11/2021	149.29 X 150.28 X 149.70	22435	8.974	625.7	27.9	27.7
2	FF Roof Concrete	M25	28/10/2021	25/11/2021	149.32 X 149.78 X 149.55	22365	8.391	599.0	26.8	
3	FF Roof Concrete	M25	28/10/2021	25/11/2021	150.72 X 151.28 X 149.84	22802	8.250	648.8	28.5	

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Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Date: 04/11/2021

Lab ID	:	CP-2021-12-24-23
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Maintenance and Repair Works at Primary Health Center at Jakkur in Ward No.05
Agency	:	Sri. Gnanendra Murthy M D, #410, Balaji Nilaya, 5th Main Road, 4th Cross, Near Priya Darshini School, Kengeri Satellite Town, Bangalore-60
Customer's Reference	:	EE(Project)/Ynk Zone/WO/06/2021-22
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	30-10-21
Customer ID	:	FF Roof Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	04/11/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Roof Concrete	M25	28/10/2021	04/11/2021	150.53 X 151.78 X 150.45	22848	8.910	546.5	23.9	23.0
2	FF Roof Concrete	M25	28/10/2021	04/11/2021	149.33 X 151.98 X 151.24	22696	8.137	514.6	22.7	
3	FF Roof Concrete	M25	28/10/2021	04/11/2021	151.89 X 149.57 X 151.56	22718	8.604	507.6	22.3	

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Technical Manager

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Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore - 92

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Date: 25/11/2021

Lab ID	:	CP-2021-12-24-23
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore.
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Maintenance and Repair Works at Primary Health Center at Jakkur in Ward No.05
Agency	:	Sri. Gnanendra Murthy M D, #410, Balaji Nilaya, 5th Main Road, 4th Cross, Near Priya Darshini School, Kengeri Satellite Town, Bangalore-60
Customer's Reference	:	EE(Project)/Ynk Zone/WO/06/2021-22
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	30-10-21
Customer ID	:	FF Roof Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M25 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	25/11/2021

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Roof Concrete	M25	28/10/2021	25/11/2021	149.89 X 151.12 X 149.34	22651	8.338	613.2	27.1	27.1
2	FF Roof Concrete	M25	28/10/2021	25/11/2021	150.88 X 150.20 X 151.54	22663	8.249	594.0	26.2	
3	FF Roof Concrete	M25	28/10/2021	25/11/2021	149.82 X 151.95 X 149.67	22765	8.442	638.3	28.0	

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Authorized Signatory
Technical Manager

****End of Report****

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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Certificate No.: TC-5548

TEST REPORT ON PHYSICAL REQUIREMENTS OF SOLID CONCRETE BLOCKS

Format No: CP/TF/01

Lab ID	:	CP-2021-12-24-23
Customer	:	Assistant Executive Engineer, Project Sub Division, BBMP, Bangalore. Date: 10-08-21
Address	:	Project Sub Division, BBMP, Bangalore.
Project Name	:	Maintenance and Repair Works at Primary Health Center at Jakkur in Ward No.05
Agency	:	Sri. Gnanendra Murthy M D, #410, Balaji Nilaya, 5th Main Road, 4th Cross, Near Priya Darshini School, Kengeri Satellite Town, Bangalore-60
Customer's Reference	:	EE(Project)/Ynk Zone/WO/06/2021-22
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	06-08-21
Sample Type/Size	:	Solid concrete blocks size (400X200X200)mm
Reference to BIS codes	:	IS : 2185 (Part 1) : 2005(RA 2010) Concrete Masonry Specification Part 1:Hollow and Solid Concrete Blocks (Dimensions -Annex-B, Clause 9.2 and 10 , Block density Annex - C Clause 9.3 and10, Compressive strength Annex -D Clause 9.4 and 10, Water absorption Annex -E Clause 9.5 and 10)
Date of test	:	06-08-21

BLOCK DENSITY:

Sl. No.	Measurement of overall Dimensions of Individual Blocks			Overall Volume of the Block in Cubic Centimetres	Weight of Oven Dried Block in Kilograms to the nearest 10 Gram	Block Density in Kg/cum*10^6	Avg.Block Density in (Kg/cum)	As per IS 2185(Part 1) :2005 (RA 2010)
	Length	Breadth	Height					
	mm	mm	mm	(Cm^3)	Kg	Kg/m^3	Kg/m^3	
1	404	200	198	15998	32.507	2031.9	2047.7	Not less than 1800Kg/m^3
2	402	202	200	16241	32.396	1994.7		
3	399	199	201	15960	33.777	2116.4		

WATER ABSORPTION:

Sl. No.	Wet weight after water absorption	Dry weight (Oven dry)	Water Absorption	Avg.Water Absorption	As per IS 2185(Part 1):2005 (RA 2010)
	kg	kg	%	%	
1	33.91	32.25	4.89	4.25	Shall not be more than 10% by mass
2	33.57	32.14	4.28		
3	33.44	32.24	3.59		

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Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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Lab ID : CP-2021-12-24-23

DIMENSION ANALYSIS

Date: 10-08-21

Sl.no	Length mm	Breadth mm	Height mm	Requirement as per IS 2185(Part 1):2005
1	399	202	199	
2	400	201	203	
3	401	199	200	
4	399	203	199	
5	403	202	200	
6	402	199	200	
7	402	202	202	
8	401	200	202	
9	401	201	201	
10	400	202	202	
11	401	199	202	Length : ± 5mm Breadth : ± 3mm Height : ± 3mm
12	399	201	200	
13	404	201	202	
14	402	199	202	
15	402	201	200	
16	401	199	202	
17	403	201	199	
18	402	201	201	
19	403	202	203	
20	401	199	203	
Average of 20	**401**	**201**	**201**	

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Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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Certificate No.: TC-5548

Lab ID : CP-2021-12-24-23

Date: 10-08-21

COMPRESSIVE STRENGTH:

Sl. No.	Size of solid block		Area	Failure Load	Compressive strength	Average Compressive strength
	Length	Breadth				
	mm	mm	(mm^2)	(KN)	N/mm^2	(N/mm^2)
1	400	202	80600	417.3	5.2	5.2
2	400	201	80411	418.4	5.2	
3	401	199	79933	415.0	5.2	
4	399	203	80918	412.6	5.1	
5	403	202	81227	413.0	5.1	
6	402	199	80046	417.9	5.2	
7	402	202	81136	421.0	5.2	
8	401	200	80315	416.6	5.2	

As per IS Requirements (Table 2, Clause 5.1, 5.2 and 9.4)

Compressive strength		
Grade	Minimum average	Minimum Individual units.
C (5.0)	5.00 N/mm^2	4.00 N/mm^2
C (4.0)	4.00 N/mm^2	3.20 N/mm^2

* The Results Obtained are Satisfactory as per Standard Requirements

Note:
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Technical Manager

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Project Division
Yelahanka Zone
BBMP, Bangalore - 92

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

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